

نموذج استرشادي امتحان الصف السادس الأبتدائى عام2024 م

First Term 2024

Answer the following Questions :

Q(1) Choose the correct answer

(1) The greatest negative integer is ....

Ⓐ -1 Ⓑ -10 Ⓒ -100 Ⓓ -1000

(2) $10^3 =$ ....

Ⓐ 30 Ⓑ 300 Ⓒ 100 Ⓓ 1000

(3) The number -18 belongs to ...... to both sets

Ⓐ natural and integers Ⓑ Counting and integers

Ⓒ Integers and natural Ⓓ Natural and rational

(4) From numerical data......

Ⓐ height Ⓑ Job Ⓒ blood type Ⓓ Favorite color

(5) Which of the following represents two similar algebraic terms?

Ⓐ 3m,3k Ⓑ x, y Ⓒ 5c,5b Ⓓ x,3x

(6) The arithmetic mean of the values 2, 7, 3, 8, 10 is ....

Ⓐ 2 Ⓑ 3 Ⓒ 6 Ⓓ 7

(7) In the box chart, if the minimum $= 3$, and the maximum $= 11$, then the range $=$ ....

Ⓐ 3 Ⓑ 8 Ⓒ 11 Ⓓ 14

Q(2) complete the following

(1) $\frac{-3}{5}$ belongs to set of ....numbers

(2) The (G.C.F) of the two numbers 4,8 is ....

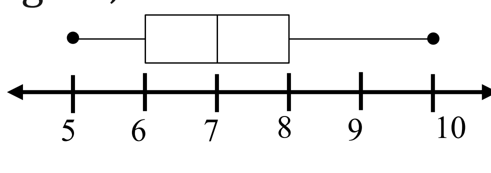
(3) $\frac{2}{5} + \frac{1}{4} = \cdots$

(4) The number of terms of the algebraic expression $5x + 3y + 8$ is....

(5) The median of the values 2, 7, 3, 5 is.....

(6) If x is an independent variable and y is a dependent variable, then the equation that expresses the rule (multiplying by 8) is ....

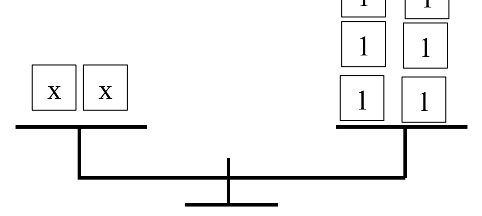
(7) From the box diagram in the corresponding figure, the median =...



(8) The negative integer that represents the solution to the inequality $x > -2$ is ....

Q(3) Choose the correct answer

(1) From the opposite figure the value of x=....



Ⓐ	4	Ⓑ	3
Ⓒ	2	Ⓓ	1

(2) The median of the values 5, 9, 2, 7, 4 is ....

Ⓐ	5	Ⓑ	6	Ⓒ	7	Ⓓ	8

(3) The mode of the values 4, 7, 5, 3, 7, 9 is...

Ⓐ	5	Ⓑ	6	Ⓒ	7	Ⓓ	8

(4) The algebraic expression 5 (1+x) is equivalent to the algebraic expression...

Ⓐ	5x	Ⓑ	5x+1	Ⓒ	5x+5	Ⓓ	5+x

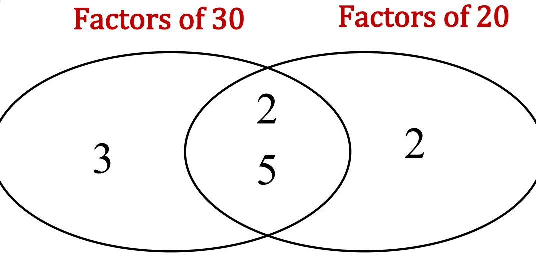
(5) $\frac{-3}{4}$ .... $\frac{-2}{5}$

Ⓐ	$<$	Ⓑ	$>$	Ⓒ	$=$	Ⓓ	$\leq$

(6) If $X = |-5|$, then X=.......

Ⓐ	**5**	Ⓑ	**-5**	Ⓒ	-10	Ⓓ	**0**

(7) In the Venn diagram, the least common multiple of the numbers 20 and 30 is...



Ⓐ	60	Ⓑ	40
Ⓒ	30	Ⓓ	10



Q(4)

(1)Find the result of $60-(17+15)\div 2^2$

(2) Write four solutions of the following inequality in the set of integers $m>5$

(3) If x is an independent variable and y is a dependent variable, write the equation that expresses the rule (Multiply by 3, then add 5)
Then find the value of y at (x = 4)

(4) The following table shows the grades obtained by some students in mathematics

Marks	12	14	16	18	19	20
Frequency	2	4	3	2	1	2

(a) Represented the data by a histogram with an interval length of 3

(b) How many students got 17 marks and more?

الرقم السري	

Cairo Governorate

Model one Time allowed: 1½ hours

Mathematics for 6^{th} primary الأسئلة ف ٤ صفحات

Q1 : Choose the correct answer : (7 × 1 = 7 marks):

1) $|-8| - |2|$ = ……….

(a) 82 (b) 6 (c) 10 (d) 16

2) - 10 ☐ - 2

(a) > (b) = (c) < (d) otherwise

3) The best subset for the fraction $\frac{1}{5}$ is ………….. number .

(a) Counting (b) Integer (c) Natural (d) Rational

4) In equation y = 2x + 10 the constant is …….

(a) 10 (b) x (c) y (d) 2

5) The value of : $m^2 + 2$, for m = 3 is ………

(a) 35 (b) 9 (c) 11 (d) 7

6) The opposite of the number - 3 is …………..

(a) 0 (b) 1 (c) 2 (d) 3

7) The smallest counting number is …….

(a) 0 (b) 1 (c) 2 (d) - 1

—— / 7

Questions	Q1	Q2	Q3	Q4	Q5
Marker					
Reviser					

—— / 30

الرقم السري	

اسم التلميذ / ……………………………………………

رقم الجلوس : ………………… الصف : السادس الابتدائي (Mathematics)

Q$_2$: Complete each the following : (8 × 1 = 8) marks:

8) $7 (5 + 3) =$ …….. + ……….

9) $\frac{1}{8} + \frac{1}{4} =$ ……..

10) If : $2x = 12$, then $x + 1 =$ ………..

11) In the equation : $y = x + 2$ the dependent variable is ….........

12) The verbal form of $3k = 12$ is …………..…

13) In $126 \div 25 = 5$ R 1 , the divisor is ………..

14) The mode of the opposite figure is ……….

1 2 3 4 5 6 7

15) The mean of the values : 3 , 5 , 4 , 7 and 6 is ……..

8

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Q_3 : Choose the correct answer: (7 × 1 = 7 marks):

16) Add k to the number 3 is ……...

(a) $k+3$ (b) $3k$ (c) $k-3$ (d) $k \div 3$

17) The number ………. is a solution of $x \leq 4$

(a) 5 (b) 1 (c) 6 (d) 12

18) The median of the values : 9 , 4 , 8 , 1 , 3 is ……….

(a) 1 (b) 3 (c) 4 (d) 8

19) The range of set of values : 9 , 4 , 1 , 3 and 5 is …………….

(a) 4 (b) 6 (c) 10 (d) 8

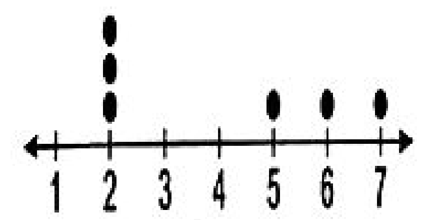
20) The outlier of the following values : 1 , 4 , 52 , 3 , 7 is ……..

(a) 52 (b) 1 (c) 3 (d) 7

21) $9 \times 9 \times 9 \times 9 = 9^{\cdots\cdots}$

(a) 2 (b) 3 (c) 4 (d) 36

22) The balance point in the opposite figure is ………….



(a) 3 (b) 4 (c) 5 (d) 6

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Q$_4$:23) Evaluate the expression : **(2× 2 = 4 marks):**

$$(3^2 - 5) + 7 \times 2$$

....

....

....

....

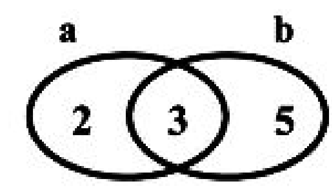
24) if : $y = 2x + 1$, find the value of y for $x = 5$?

....

....

....

Q$_5$:25)Using the venn diagram to complete : **(2× 2 = 4 marks):**



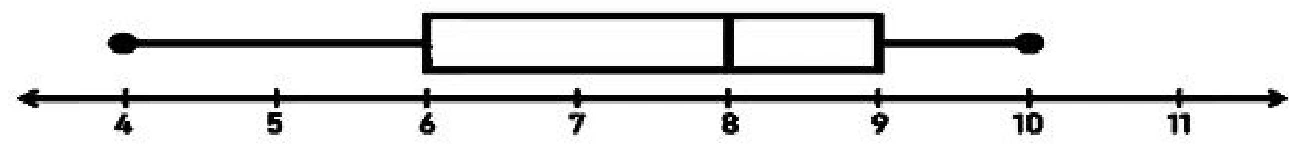
a) The two numbers are :

a = ... , b = ...

b) G.C.F. for two numbers is ....

c) L.C.M. for two numbers is ....

26) **Using the box plot to complete :**

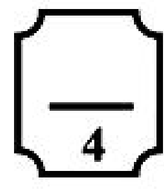


a) The minimum value is ....

b) The range is ....

c) The median is ....

d) The Lower quartile is ....



Cairo Governorate	الرقم السري

Model one **Time allowed: 1½ hours**

Mathematics for 6^{th} primary الأسئلة ف ٤ صفحات

Q1 : Choose the correct answer : (7 × 1 = 7 marks):

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(a) Counting (b) Integer (c) Natural (d) Rational

4) In equation y = 2x + 10 the constant is ....

(a) 10 (b) x (c) y (d) 2

5) The value of : $m^2 + 2$, for m = 3 is ....

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6) The opposite of the number - 3 is ....

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7) The smallest counting number is ....

(a) 0 (b) 1 (c) 2 (d) - 1

—— / 7

Questions	Q1	Q2	Q3	Q4	Q5
Marker					
Reviser					

—— / 30

	الرقم السري

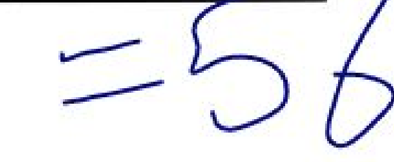
اسم التلميذ / ....

رقم الجلوس : ....

الصف : السادس الابتدائي (Mathematics)

Q_2 : Complete each the following : (8 × 1 = 8) marks:

8) $7(5+3) =$ ……… + ………



9) $\frac{1}{8} + \frac{1}{4} =$ ………



10) **If : $2x = 12$, then $x + 1 =$** ………

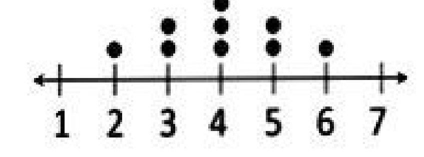


11) **In the equation : $y = x + 2$ the dependent variable is** ………… y

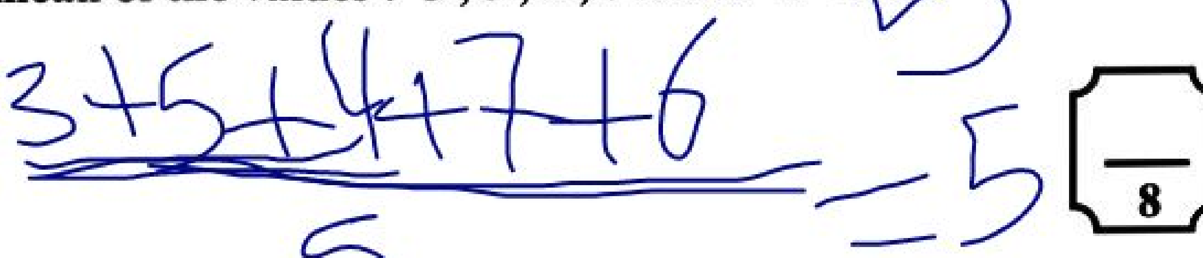
12) **The verbal form of $3k = 12$ is** ..three times of k equals to 12

13) **In $126 \div 25 = 5$ R 1 , the divisor is** ……… 25

14) **The mode of the opposite figure is** ……… 4



15) **The mean of the values : 3 , 5 , 4 , 7 and 6 is** ……… 5



8

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Q_3 : Choose the correct answer: (7 × 1 = 7 marks):

16) Add k to the number 3 is ……...

(a) k + 3 (b) 3k (c) k − 3 (d) k ÷ 3

17) The number ………. is a solution of $x \leq 4$

(a) 5 (b) 1 (c) 6 (d) 12

18) The median of the values : 9 , 4 , 8 , 1 , 3 is ……….

(a) 1 (b) 3 (c) 4 (d) 8

19) The range of set of values : 9 , 4 , 1 , 3 and 5 is …………….

(a) 4 (b) 6 (c) 10 (d) 8

20) The outlier of the following values : 1 , 4 , 52 , 3 , 7 is ……..

(a) 52 (b) 1 (c) 3 (d) 7

21) $9 \times 9 \times 9 \times 9 = 9^{\cdots}$

(a) 2 (b) 3 (c) 4 (d) 36

22) The balance point in the opposite figure is ………….

1 2 3 4 5 6 7

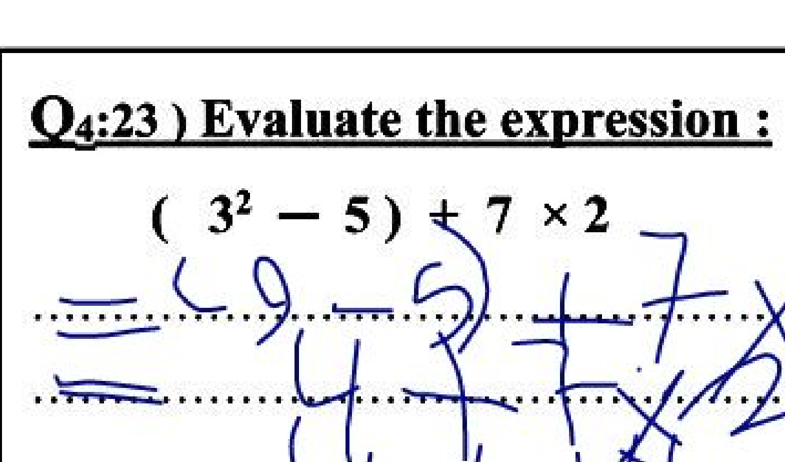
(a) 3 (b) 4 (c) 5 (d) 6

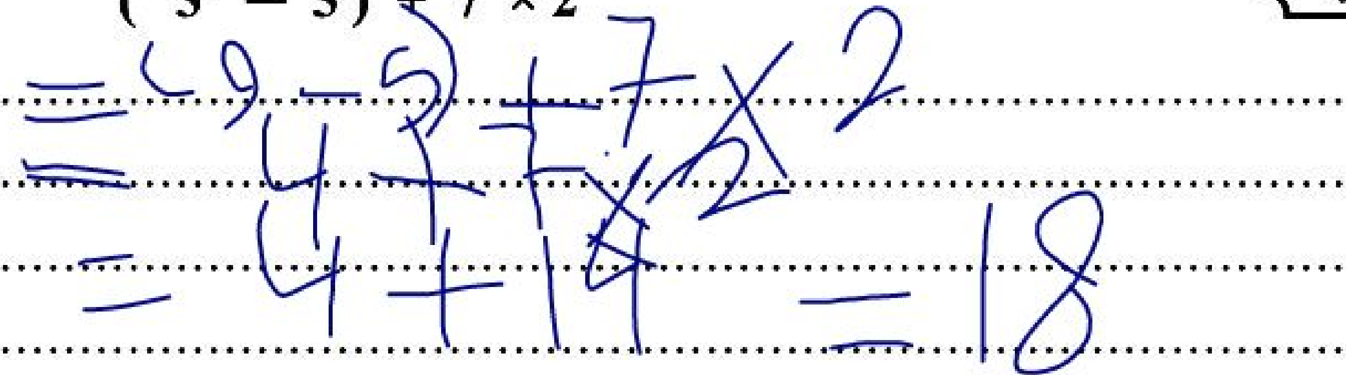
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Q4:23) Evaluate the expression : **(2× 2 = 4 marks):**

4

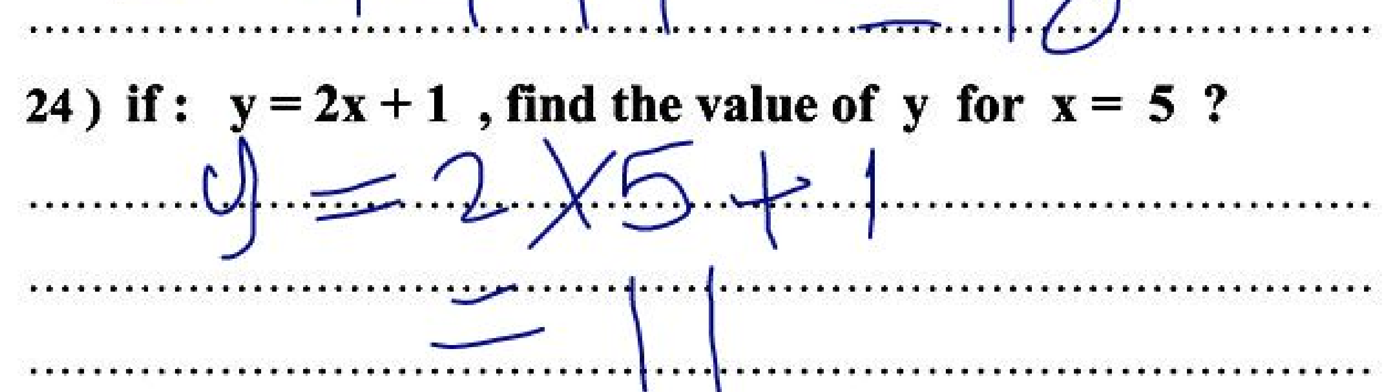
$(3^2 - 5) + 7 \times 2$





$= (9-5)+7\times 2$
$= 4+14$
$= 18$

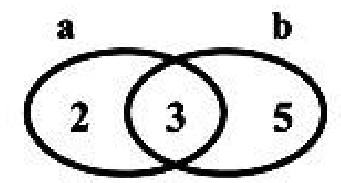
24) if : y = 2x + 1 , find the value of y for x = 5 ?

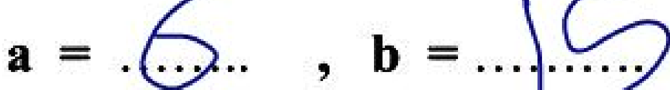


$y = 2\times 5+1$
$= 11$

Q5:25)Using the venn diagram to complete : (2× 2 = 4 marks):

a) The two numbers are :





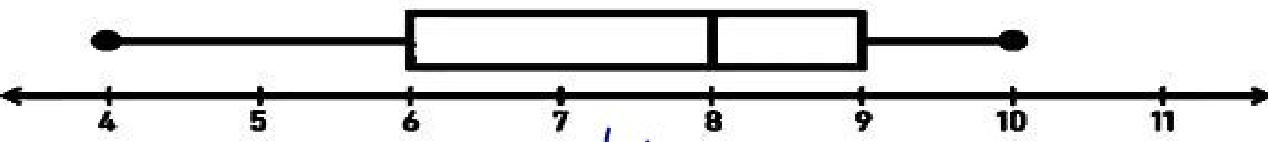
a = ...6.... , b = ...15....

b) G.C.F. for two numbers is ....3....

c) L.C.M. for two numbers is .... $2\times 3\times 5 = 30$



26) Using the box plot to complete :



a) The minimum value is ....4....

b) The range is 10-4=6

c) The median is 8

d) The Lower quartile is .... 6 **....**

